

Product datasheet for **RG219475**

TRAF3IP3 (NM_025228) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRAF3IP3 (NM_025228) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TRAF3IP3
Synonyms:	T3JAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG219475 representing NM_025228
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATCAGCCCAGACCCCAGGCCCTCCCCTGGCTTGGCCCGTGGGCTGAGAGCTATGAGGCCAAGTGTG
 AGCGCAGGCAAGAGATCCGTGAAAGCCGCGCTGCCGTCCAATGTGACCACTTGCCGCCAGGTGGGGAA
 GACGCTGAGGATCCAACAGAGAGAGCAGCTCCAGAGAGCTCGACTGCAGCAGTTCTTCAGGAGGAGGAAC
 CTGGAGCTAGAGGAGAAGGGCAAAGCGCAGCATCCCCAGGCCAGGGAGCAAGGGCCCTCCAGGCGGCCAG
 GACAGGTGACAGGCACCAGCTCTGAAGTCTTCCAGCCCAGCATCCTCCTCCCTCAGGCATCTGCAGGGA
 TCTGTCTGACCACCTCCTCACAGGCTGGGGCCTTCTCCACAGGACACTCCCATCAAGAAGCCACCC
 AAACACCACCGTGGTACTCAGACAAAGGCAGAAGGACCAACAATTAAGAACGATGCCAGTCAGCAAACCA
 ATTACGGAGTTGAGTTCTGGATAAGGAAATCATCCAGCTTTCTGATTACCTCAAAGAGGCCCTACAAG
 GGAGCTGGTCTAAAACAGAAAAATGGTGATTCTCCAAGACCTACTGTCCACTCTGATTACGCGCTCTGAC
 AGCTCTTGAAGGGACAGCTTAATGAAGACAAACTGAAGGGGAAACTGAGATCCTTAGAAAACCAGCTAT
 ACACCTGTACCCAGAAATACTCCCCTTGGGGAATGAAAAAAGTACTACTGGAGATGGAAGACCAGAAAA
 CAGCTATGAGCAGAAGGCCAAGGAGTCACTGCAGAAAAGTCTGGAGGAGAAAAATGAATGCAGAGCAGCAA
 CTACAGAGCACACAGCGATCCCTGGCCCTGGCAGAGCAGAAGTGTGAAGAGTGGAGGAGCCAGTATGAGG
 CTCTGAAGGAGGACTGGAGGACCCTTGGGACCCAGCACAGGGAGCTGGAGAGCCAACTCCACGTGCTTCA
 GTCCAAACTGCAGGGAGCAGATAGCAGGGACTTACAGATGAACCAGGCCCTGCGATTTTTGGAAAATGAG
 CACCAGCAACTGCAGGCCAAGATTGAATGCCTGCAAGGGGACAGAGACCTGTGCAGCTTGATACCCAGG
 ACCTACAAGATCAACTAAAAAGTCAAGGCAGAGGAGAACTCACCTGGTGACCAGATACAGCAGTTGCA
 GGGTTTGCTTCAAATCAATCCTTACAGCTTCAAGAACAGGAGAACTCTTAACAAAGAAAAGATCAGGCT
 TTGCCCGTGTGGAGTCCAAGTCTTCCCTAACGAAGTGGAGCCTGAGGGTACAGGGAAGGAGAAAAGACT
 GGGATCTCAGAGACCAGCTGCAAAAAGACTTTGCAGCTCCAGGCCAAGGAAAAGGAGTGCAGAGAACT
 GCATTCAGAAATTAGACAACCTCAGTGACGAGTATCTCTCTGCCTGCGTAAGCTGCAGCACTGTCGAGAA
 GAGCTGAACCAGAGCCAGCAGCTGCCTCCAGAAGGCAATGTGGGCGATGGCTCCAGTCTGATGGTGG
 TGATTGCTGCAGCACTGGCAGTGTCTGGCCAATAAAGACAACCTGATGATC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG219475 representing NM_025228
 Red=Cloning site Green=Tags(s)

MISDPDRPSPGLARWAESYEAKCERRQEIRESRRCRPNVTTCRQVGTKLRIQQREQLQRARLQQFFRRRN
 LELEEKGAQHPQAREEQPSRRPGQVTGTSSSEVFPAQHPPPSGICRDLSDHLSSQAGGLPPQDTPIKKPP
 KHHRGTQTKAEGPTIKNDASQQTNYGVAVLDKKEIIQLSDYLKEALQRELVLKQKMWILQDLLSTLIQASD
 SSWKQQLNEDKLGKLRSLNQLYTCTQKYSWGMKKVLLMEDQKNSYEQKAKESLQKVLEEKMNAEQQ
 LQSTQRSLALAEQKCEEWSRYEALKEDWRTLGTQHRELESQHLVLSKLGADSRDLQMNQALRFLNE
 HQQLQAKIECLQGDRDLCSLDTQDLQDLKRSEAEKLTLVTRVQQLQGLLQNSLQLQEKEKLLTKKDQA
 LPVWSPKSPNEVEPEGTGKEKDWDLRDQLQKKTLLQLAKEKECRELHSELNLSDEYLSCLRKLQHCRE
 ELNQSQQLPPRRQCGRWLPVLMVVIAAALAVFLANKDNLMI

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_025228
ORF Size:	1593 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_025228.1 , NP_079504.1
RefSeq Size:	2058 bp
RefSeq ORF:	1656 bp
Locus ID:	80342
UniProt ID:	Q9Y228
Cytogenetics:	1q32.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	The gene encodes a protein that mediates cell growth by modulating the c-Jun N-terminal kinase signal transduction pathway. The encoded protein may also interact with a large multi-protein assembly containing the phosphatase 2A catalytic subunit. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]